GSK

Another Laser tongue diagnostic

Aim ablative laser at tongue; swish fluorescent labelled antibodies; use another laser to read physiological data as a diagnostic.

I think I read that about 6% of the population suffers from depression. A saliva diagnostic that could tell a physician which of three kinds of antidepressants would be most effective would greatly benefit about 120 million people (6% of 2 billion). The three antidepressants I am thinking of are 1) deprenyl 2) wellbutrin 3) zoloft/SSRI
Being able to determine which of these the person is most likely to

respond to would be an in-demand financially valuable test that relieves suffering. Also of benefit is that treating the young could create more person-years of benefit.
Use lasers to "abrade" the tongue or oral mucosa. Then, mouth-swish antibodies linked to fluorescent molecules.
I may have read that taste buds or the oral epithelium regenerates after 7 days. Aiming a laser at someone’s tongue should rapidly heal.
So, you could zap a taste bud with a laser to expose the neurons of the taste bud nerve. Then, have a different frequency of laser activate the fluorescent antibodies specific to the neuron if there were something of interest about the chemistry of the neuron for diagnostic purposes.
It is possible that the cytochemistry of a neuron (or mouth tissue in general)

could be linked (correlated) to the effectiveness of antidepressant drugs or other medical things.
Using this combined approach you can develop a laser zap of tongue diagnostic which could apply to many drugs.
Another possibility is to "abrade" the oral mucosa with a laser then provide a really protein rich saliva sample with better diagnostic abilities.